Layout File

<LinearLayout xmlns:android=*"http://schemas.android.com/apk/res/android"*

xmlns:tools=*"http://schemas.android.com/tools"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"match\_parent"*

android:orientation=*"vertical"* >

<ImageView

android:id=*"@+id/idImageViewPic"*

android:layout\_width=*"match\_parent"*

android:layout\_height=*"20dip"*

android:layout\_weight=*"1"*

android:adjustViewBounds=*"true"*

android:background=*"#ff00ffff"*

android:padding=*"10dip"* />

<LinearLayout

android:id=*"@+id/linearLayout1"*

android:layout\_width=*"fill\_parent"*

android:layout\_height=*"wrap\_content"* >

<Button

android:id=*"@+id/bNext"*

android:layout\_width=*"0dp"*

android:layout\_height=*"wrap\_content"*

android:layout\_weight=*"1"*

android:text=*"Next"* >

</Button>

<Button

android:id=*"@+id/bPrevious"*

android:layout\_width=*"0dp"*

android:layout\_height=*"wrap\_content"*

android:layout\_weight=*"1"*

android:text=*"Previous"* >

</Button>

</LinearLayout>

</LinearLayout>

**MainActivity.java**

**package** jims.imageconvert;

**import** android.os.Bundle;

**import** android.app.Activity;

**import** android.view.Menu;

**import** android.view.View.OnClickListener;

**import** android.widget.Button;

**import** android.widget.ImageView;

**import** android.view.View;

**public** **class** MainActivity **extends** Activity {

**private** ImageView hImageViewPic;

**private** Button nextButton, preButton;

**private** **int** currentImage = 0;

**int**[] images = { R.drawable.*r1*, R.drawable.*r10* };

@Override

**protected** **void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

hImageViewPic = (ImageView) fndViewById(R.id.*idImageViewPic*);

nextButton = (Button) findViewById(R.id.*bPrevious*);

preButton = (Button) findViewById(R.id.*bNext*);

// Just set one Click listener for the image

nextButton.setOnClickListener(nextBtnChangeImageListener);

preButton.setOnClickListener(preBtnChangeImageListener);

hImageViewPic.setImageResource(images[currentImage]);

}//end of onCreate()

View.OnClickListener nextBtnChangeImageListener = **new** OnClickListener() {

**public** **void** onClick(View v) {

//Increase Counter to move to next Image

currentImage++;

currentImage = currentImage % images.length;

hImageViewPic.setImageResource(images[currentImage]);

}

};

View.OnClickListener preBtnChangeImageListener = **new** OnClickListener() {

**public** **void** onClick(View v) {

//Increase Counter to move to next Image

currentImage--;

currentImage = currentImage % images.length;

hImageViewPic.setImageResource(images[currentImage]);

}

};

@Override

**public** **boolean** onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.*main*, menu);

**return** **true**;

}

}

Prepared By: Prof. Kamlesh A. Meshram